IICBA’s efforts in enhancing teaching and learning through ICT integration in Africa – achievement and challenges
UNESCO International Institute for Capacity building in Africa (IICBA)

• International Institute for Capacity Building in Africa was established in 1999 as UNESCO category I institute.
• IICBA is mandated to support teacher development in Africa.
• IICBA works on teacher policy, technical cooperation and research.
• We have a small but committed group of 28 people from 12 different countries.
• IICBA is strategically based in Addis Ababa, Ethiopia where the African Union is hosted.
IICBA work on ICT integration in teacher development

• ODL for Mater Teachers in Africa ([http://www.unescoafrica.org/odl/](http://www.unescoafrica.org/odl/))

• ICT teacher education enhancement in Africa with Chinese Funds in Trust (CFIT)

• ICT-enhanced Teacher Development (ICTeTD) training

• Master teacher training in ICT in science, mathematics technology education for girls

• e-Learning content development

• ICTs for Teachers in emergency & refugee situations in Kenya and South Sudan with UNICEF & UNHCR

• Workshop follow-up using WhatsApp in STEM and peacebuilding teacher training
ICT in Teacher Development

• ICT have the capacity to reach many learners at the same time, hence *increasing access* to learning. This can be used in quality teacher education programmes for many unqualified teachers.

• ICT brings potentials/opportunities to make *learning contents* more visual and understandable.

• ICT can improve teaching and learning by making it more ‘interactive’ and ‘learner-centred’ as well as ‘activity-oriented’.
Remaining challenges in ICT integration in Africa

• Availability of hardware and its cost
• Availability of power in many rural schools
• Internet connectivity and its cost
• Sparsely populated rural areas and further difficulty in connectivity
• Plagiarism on the increase
Potential in ICT use in teacher development in Africa

- There is high demand among teachers.
- Assessments can be more effective and timely with the use of ICT.
- ICT can improve teaching and learning materials.
- ICT can contribute to more innovative and interactive teaching and learning.
- ICT can connect teachers.
- ICT can provide means for learners to continue learning.
- Green solution is available for power and internet connectivity.
Thank you very much! Большое спасибо!